

Appln. S.N. 10/635,299  
Prelim. Amdt. dated August 2, 2006  
Prelim. Amdt. for RCE after May 4, 2006 Final OA  
Docket No. GP-303478-OST-ALS

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**Please revise the paragraph at page 2, lines 13-25, as follows:**

In many urban regions where subscribers of fee-based services reside, there are significant traffic incidents. In many cities, the only traffic information available is provided by a traffic-news radio station broadcast, often delivered live from a helicopter-based reporter. However, some large metropolitan municipalities have installed electronic monitoring devices in roadbeds and near roadways to track traffic density and other traffic congestion metrics, although such electronic monitoring systems are usually not able to provide other real-time traffic information such as accident and stalled vehicle location reports. Radio reports may be infrequent or may not concern the section of city or roadway where a driver is actually driving, preventing practical real-time traffic updates for many commuters. It would be desirable, therefore, to provide a method and system for real-time traffic updates to a vehicle that would overcome these and other disadvantages.

**Please revise the paragraph at page 5, lines 1-7, as follows:**

In one example, MVCS 100 is implemented as an OnStar® system, as is known in the art, and is available from the OnStar division of General Motors Corporation based in Detroit ~~Troy~~, Michigan, with regard~~regards~~ to wireless communications, and as an XM Satellite Radio® system, as is known in that art, and is available from XM Satellite Radio, Inc., ~~of~~ based in Washington, D.C. with regard~~regards~~ to satellite radio and terrestrial digital radio communications.

**Please revise the paragraph at page 13, lines 1-13, as follows:**

The data storage 350 is any device for storing data, such as a disk drive, non-volatile memory and the like. Data storage 350 provides a database of stored data 356 for various types of data received to audio device 315 and GPS receiver 300. Data storage 350 also provides storage for software modules such as program 355. In one embodiment, program 355 is a program to monitor GPS traffic incident region GPS coordinate data received through GPS receiver 300 from a service provider, and initiate a communication to the service provider requesting localized traffic incident data, when a traffic incident region GPS coordinate is received that is within a predetermined radial distance from the MVCU 310. In another embodiment, MVCU 310 is coupled to a display device, a speaker system or both,

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and is enabled to provide received localized traffic incident data to a user in an audio or audiovisual format.

**Please revise the paragraph at page 15, lines 1-10, as follows:**

The mass storage 470 is any device that provides storage for computer code and data such as a hard disk drive, a recordable optical medium, and the like. In one embodiment, the mass storage 470 is provided by a second computer server system over a network (not shown). The mass storage generally contains the operating system 477, programs 476 and may include a database 475. Programs include applications for execution by the computer system 400. In one embodiment (not shown), the mass storage 470 is distributed over a very large network of computer systems that are linked together.

**Please revise the paragraph at page 16, lines 1-13, as follows:**

FIG. 5 is an illustration of traffic data regions in accordance with an embodiment of the present invention. FIG. 5 shows three illustrative traffic data regions 500, 501, 502. Traffic data region 500 is shown as a hexagonal region having four traffic incidents 525 and a traffic data region GPS coordinate 520. Traffic data region 501 is shown as a hexagonal region bordering region 500 and having three traffic incidents 535 and a traffic data region GPS coordinate 530. Traffic data region 502 is shown as a hexagonal region bordering both regions 500 and 501 and having four traffic incidents 545 and a traffic data region GPS coordinate 540. In one embodiment of the present invention, the traffic incident regions illustrated in FIG. 5 are the result of a traffic incident data compilation and analysis process performed using a computer program such as program 476 of FIG. 4. The traffic data regions may have any suitable shape or size.

**Please revise the paragraph at page 17, lines 1-17, as follows:**

In operation, a traffic incident region GPS coordinate is selected to represent a traffic incident region. In one embodiment, a traffic incident region GPS coordinate is selected as the geometric center of a predetermined traffic incident region. In another embodiment, the traffic incident region GPS coordinate is selected using analytical processes based on the geographical location of traffic incidents within a predetermined traffic incident region. In yet

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another embodiment, a traffic incident region is defined based on the occurrence and location of traffic incidents within a predetermined or analytically determined proximity of each other. In yet another embodiment, a two dimensional iterative regression analysis provides a GPS coordinate representative of several traffic incidents that defines a traffic incident region. Selecting a single GPS coordinate to represent several traffic incidents within a region greatly reduces the amount of data that must be transferred to a traffic incident alert subscriber MVCU. When a traffic incident region GPS coordinate occurs within a predetermined "forward view" radius of the MVCU additional localized traffic incident data is requested.

**Please revise the paragraph at page 23, lines 5-10, as follows:**

In step 880, a determination is made whether the vehicle supports visual display of the local traffic data received in step 870. If the determination in step 880 is affirmative, the received local traffic data is provided to a visual display in step 890 and process 800 returns to step 830. If the determination in step 880 is negative, then the received local traffic data is provided to an audio device in step 895 and process 800 returns to step 830.